

Must Remain On Site

SCOPE OF WORK:

ARCHER CONSTRUCTION WILL MODIFY THE EXISTING FIRE SPRINKLER SYSTEM TO ACCOMMODATE THE NEW T.I. CEILING AND WALL LAYOUT. ARCHER CONSTRUCTION START POINT IS AT CONNECTIONS TO OVERHEAD BRANCH AND MAIN PIPING. FIRE SPRINKLER UPRIGHT PROTECTION IS NOT REQUIRED IN THE NON-COMBUSTIBLE CEILING VOID SPACE.

CLARIFICATIONS:

1. ALL AREAS PROTECTED BY A WET SYSTEM MUST BE MAINTAINED AT A MINIMUM OF 40°F (BY OTHERS) IN ORDER TO PREVENT THE PIPE FROM FREEZING.

EXCLUSIONS:

1. TAXES OF ANY TYPE
2. ELECTRICAL OF ANY TYPE.
3. UNDERGROUND PIPING OF ANY TYPE
4. STRUCTURAL VERIFICATION & ABATEMENT OF ANY TYPE.
5. LABELING, PREP FOR & PRIMING OR PAINTING OF ANY TYPE.
6. RELOCATION OF PIPE FOR WORK OF OTHER TRADES.
7. NO MODIFICATIONS OR ALTERATION TO THE EXISTING FIRE SPRINKLER SYSTEM PIPING, HANGERS/SUPPORTS AND EARTH QUAKE BRACING (EXCEPT AS SHOWN).

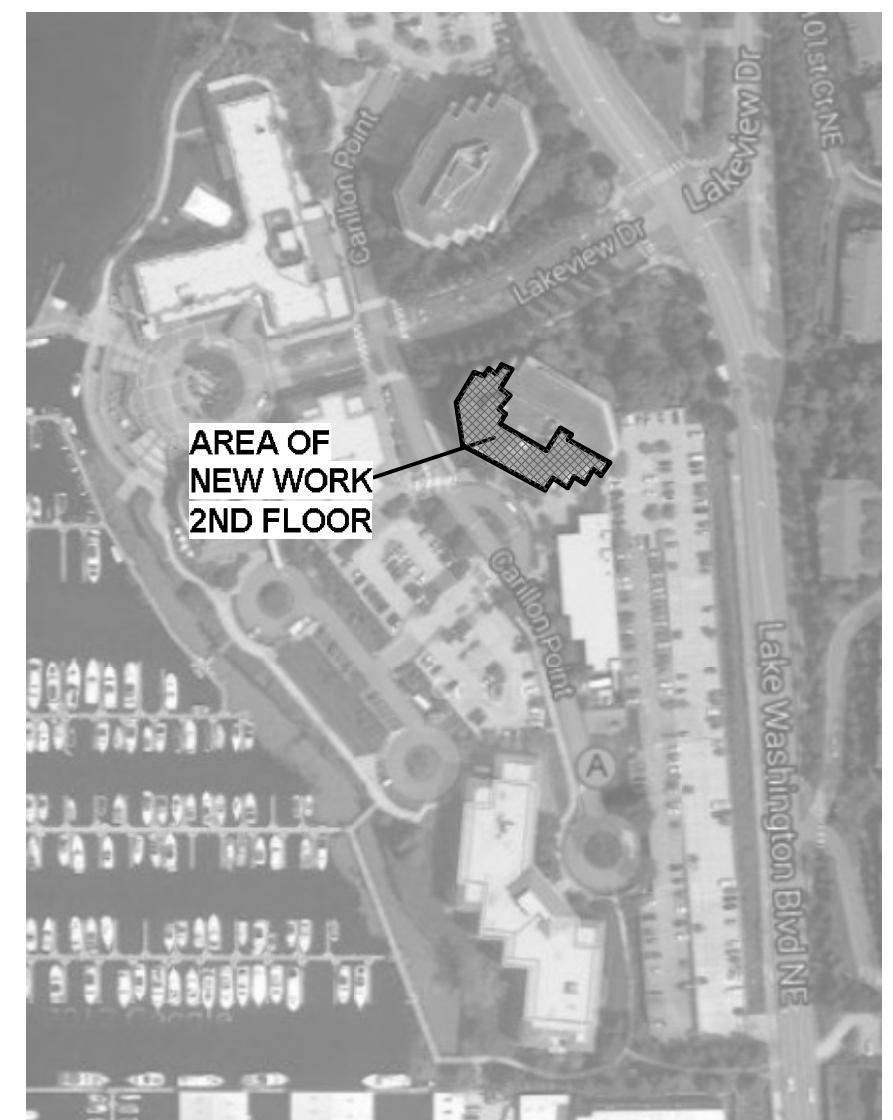
DESIGN CRITERIA:

PER NFPA 13 (2010) & THE CITY OF KIRKLAND

EXISTING:
OFFICE - LIGHT HAZARD(.1/1500 SQ. FT)

NEW:
OFFICE - LIGHT HAZARD(.1/1500 SQ. FT)

THE DESIGN CRITERIA IS LESS THAN OR EQUAL TO THAT OF THE PREVIOUS OCCUPANT THUS
NEW HYDRAULIC CALCULATIONS ARE NOT NECESSARY.



SITE / KEY PLAN

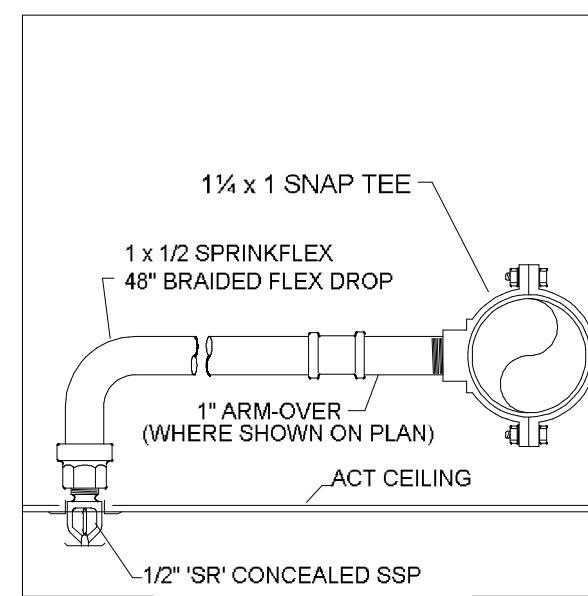
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T.I. FIRE SPRINKLER PLAN

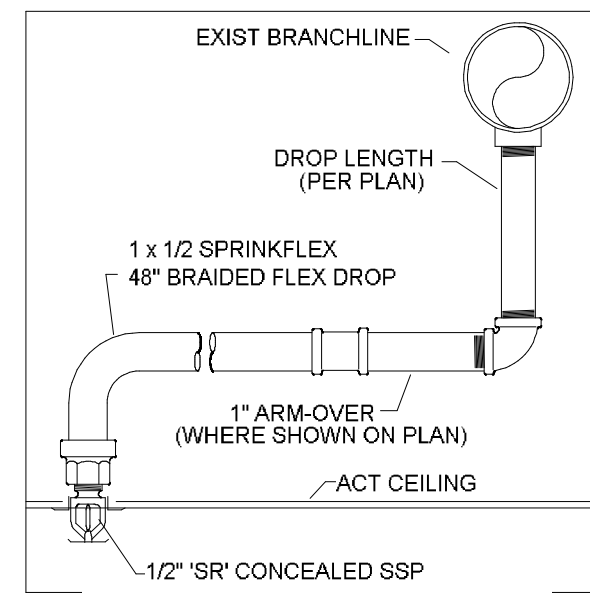
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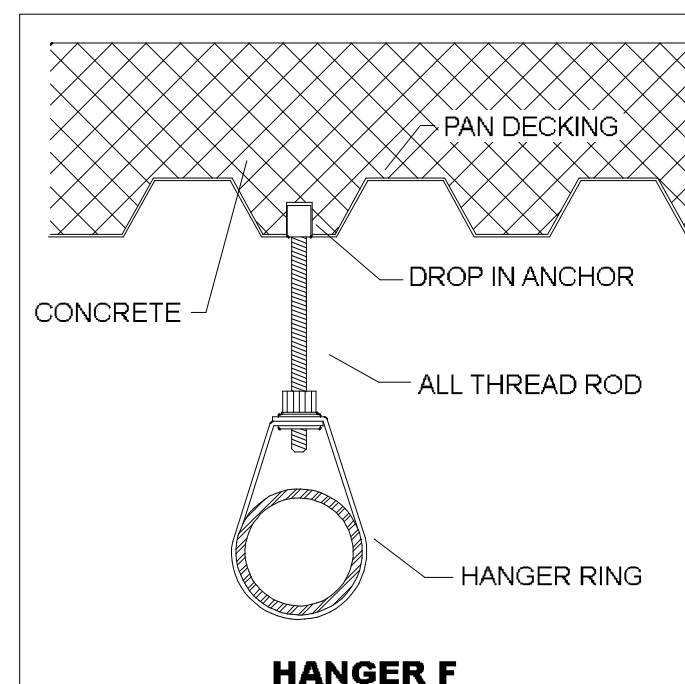
SCALE: 1/8" = 1'-0'



TYPICAL ADD



TYPICAL RELOCATE



HANGER I

HDI-P

LISTER / FITTER NOTES:

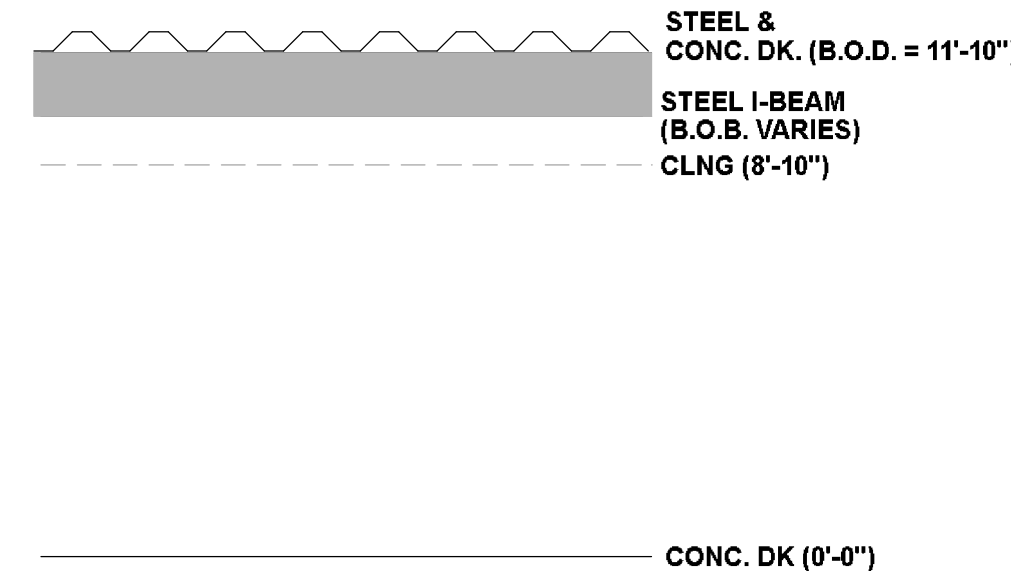
- 1) NEW PIPING TO BE SCH. 40 BLACK AND JOINED WITH DUCTILE IRON THREADED FITTINGS AND COUPLINGS.
- 2) NEW HANGERS TO BE TYPE 'F' (U.N.O.)
- 3) NEW DROPS TO GRID CEILINGS TO USE 1" x 1/2" SPRINKFLEX 48" BRAIDED FLEXDROP. IN GENERAL HEADS SHALL BE CENTERED IN 2x2 TILES WITH FLEXS, WHERE FEASIBLE.
- 4) NEW DROPS TO HARD LIDS TO USE 1" x 1/2" MERIT F3.150 ADJUSTABLE DROP NIPPLE.
- 5) NIGHT WORK REQUIRED.
- 6) USE STANDARD RESPONSE SPRINKLERS TO MATCH EXISTING SPRINKLERS IN BUILDING.
- 7) NO SPRINKLER COVERAGE PROVIDED IN NON-COMBUSTIBLE VOID SPACES ABOVE EXISTING CEILINGS.

PLAN LEGEND:

$\frac{1}{8-6}$ = NEW PIPING
 - - - 1 - - - = EXISTING PIPING
 S = SNAP (U-BOLT TYPE) TEE
 A = ADDED HEAD
 R = RELOCATED HEAD

NOTE: NOT ALL EXISTING HEADS ARE LOCATED IN CENTER OF 2x2 CEILING TILES

NEW AND RELOCATED HEADS IN TO BE CENTERED IN 2x2 TILES WITH FLEXDROPS WHERE FEASIBLE



BUILDING SECTION

SCALE: N.T.S.

[illegible]

WSCL#: ARCHEI*219DR



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04/16/2014

